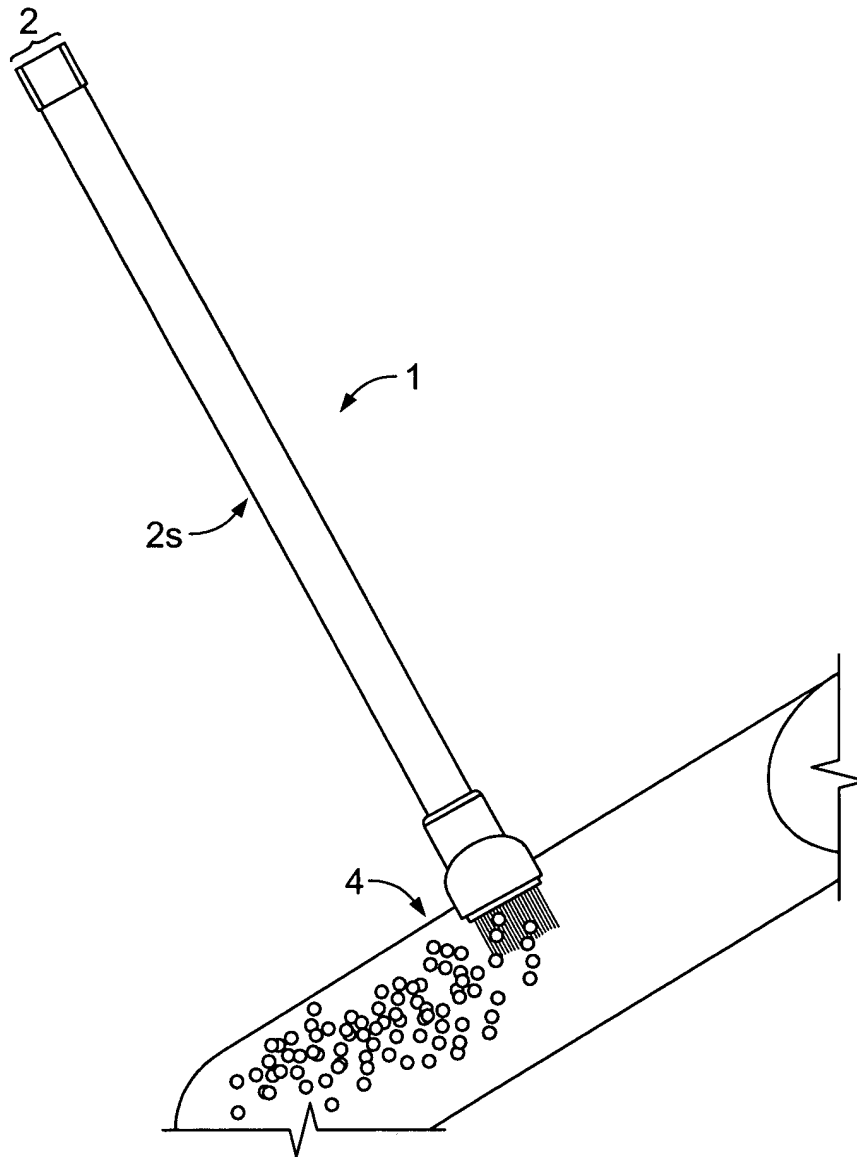
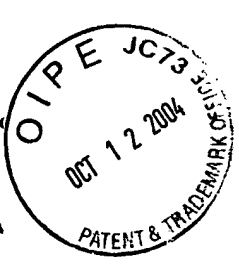


FIG. 1A



**FIG. 1B**

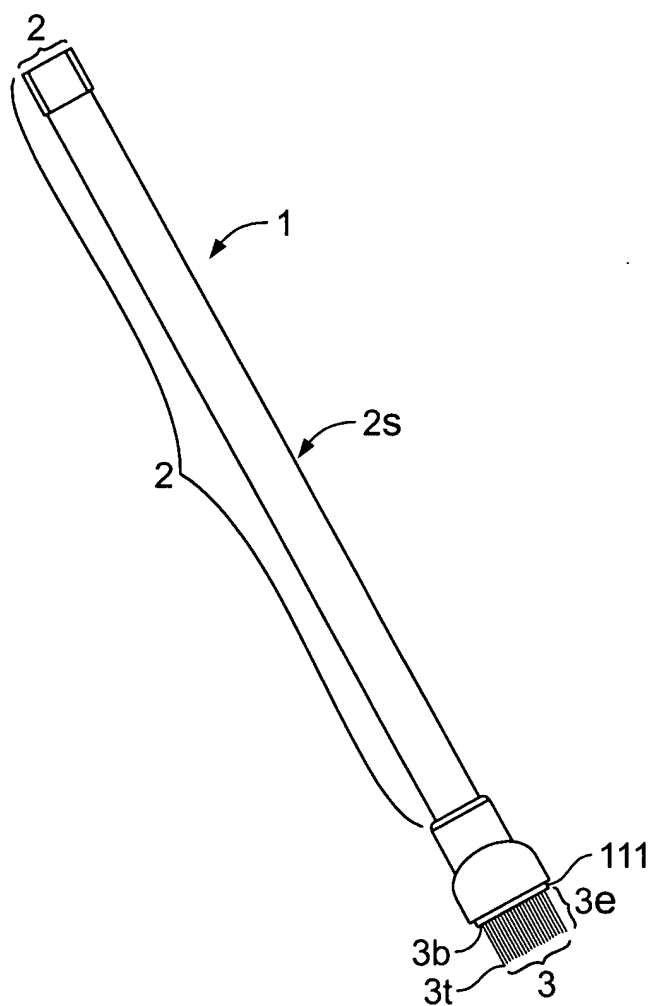
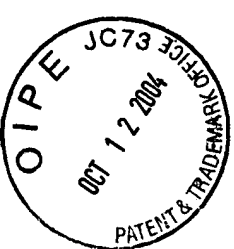


FIG. 2A

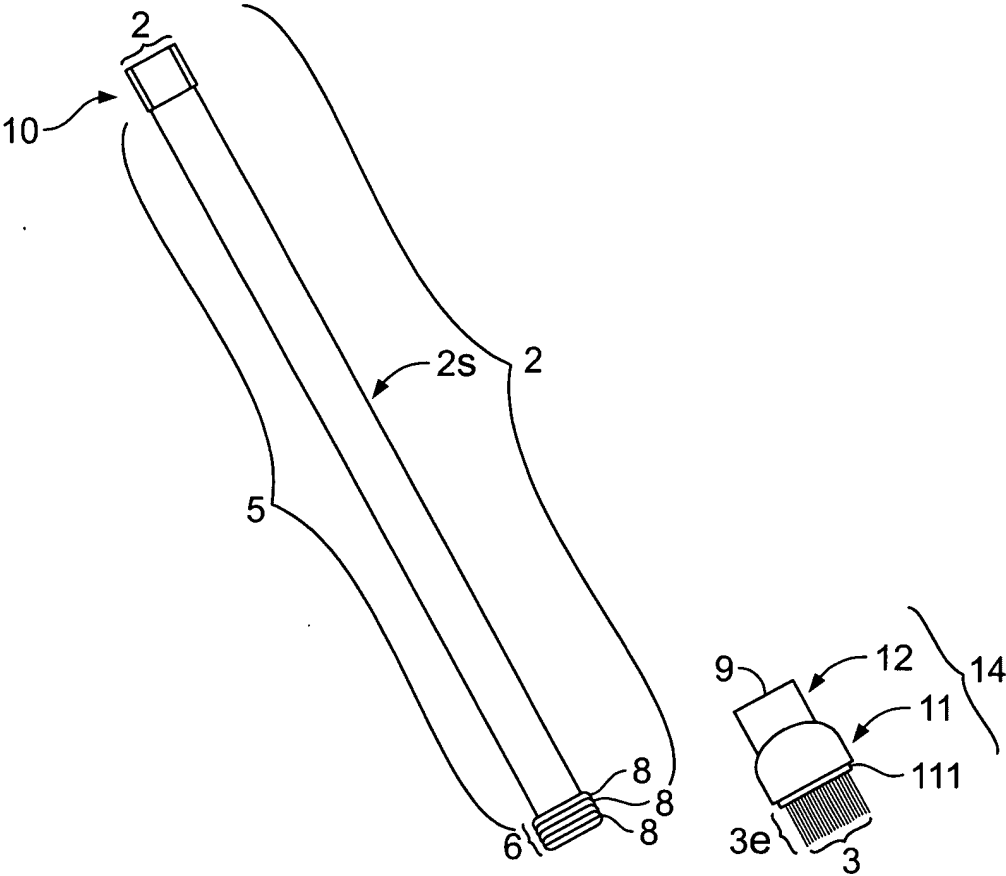
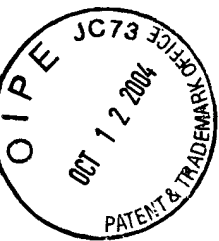
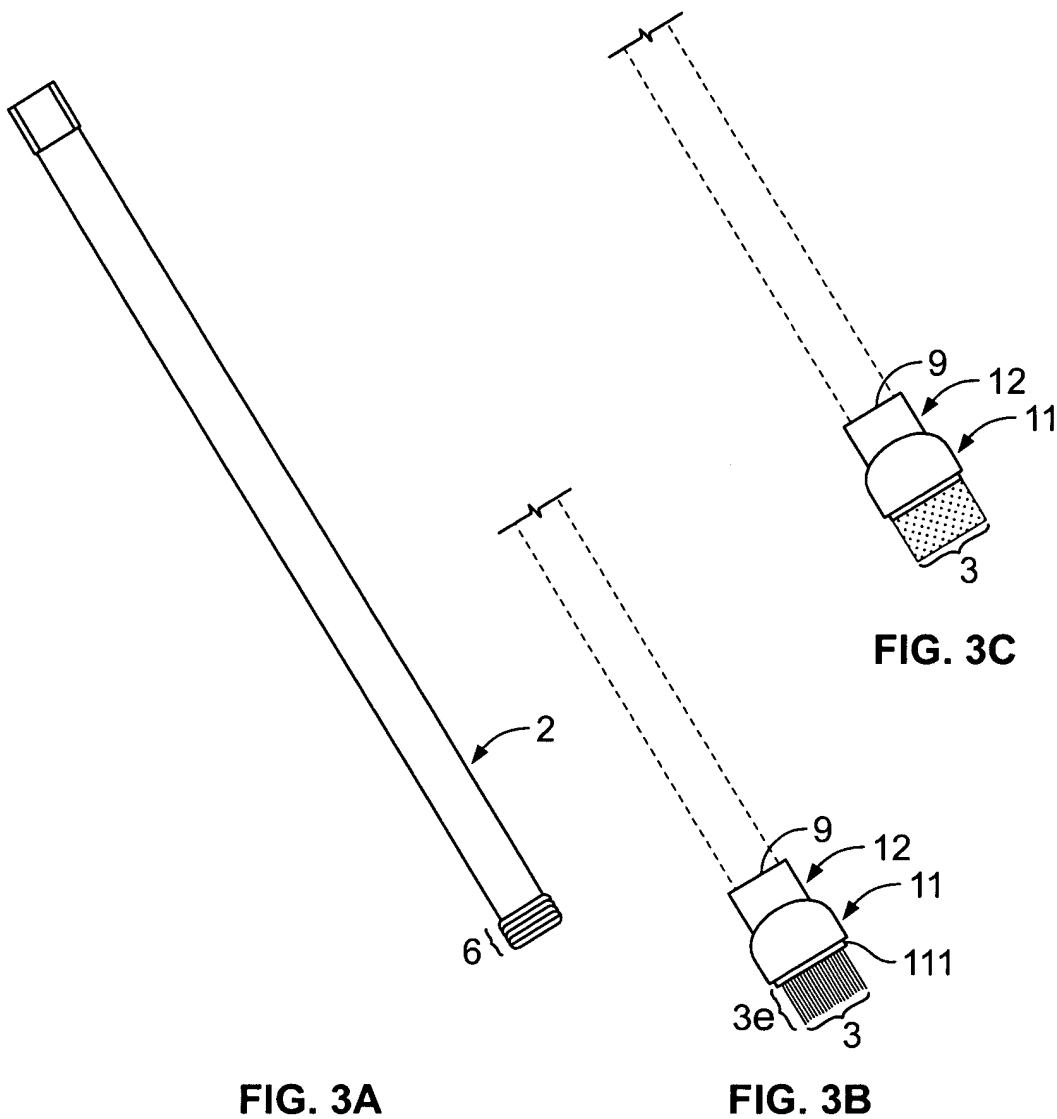
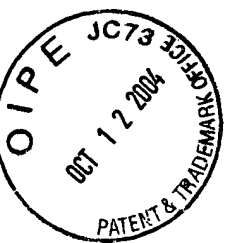


FIG. 2B



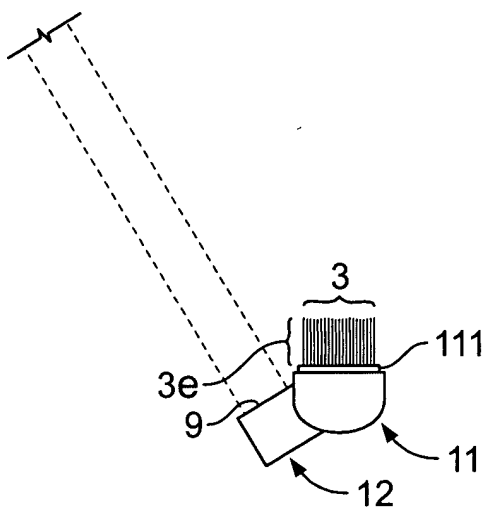
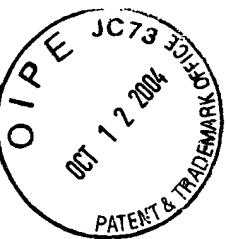


FIG. 3D

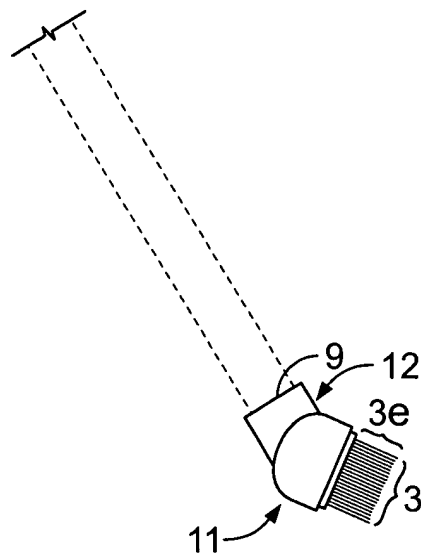


FIG. 3E

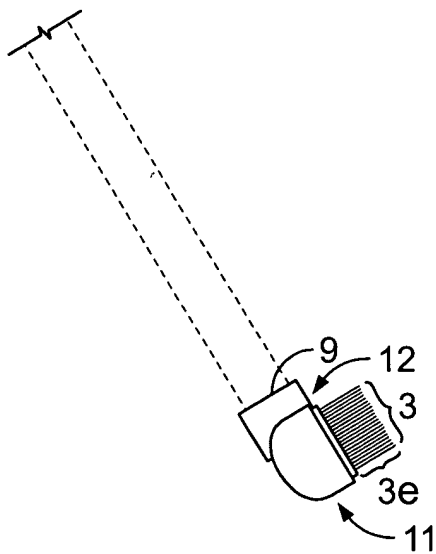


FIG. 3F

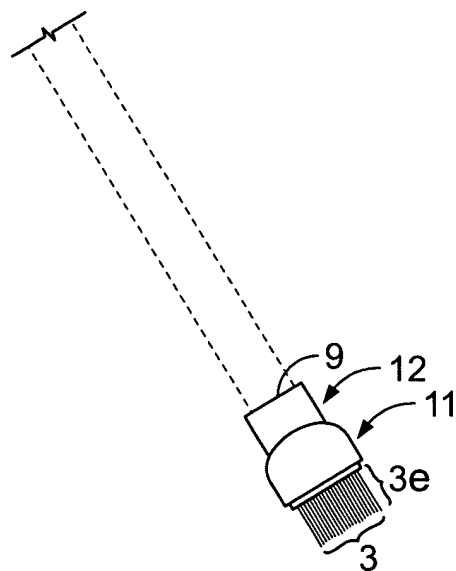


FIG. 3G

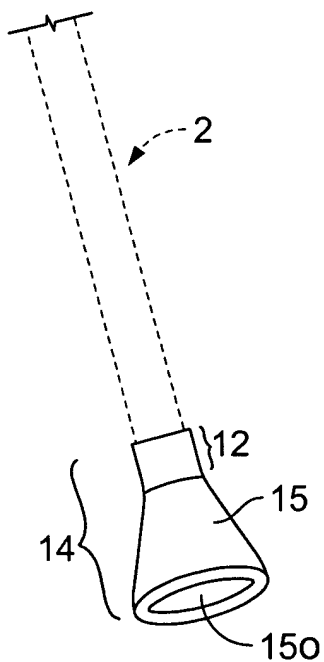


FIG. 3H

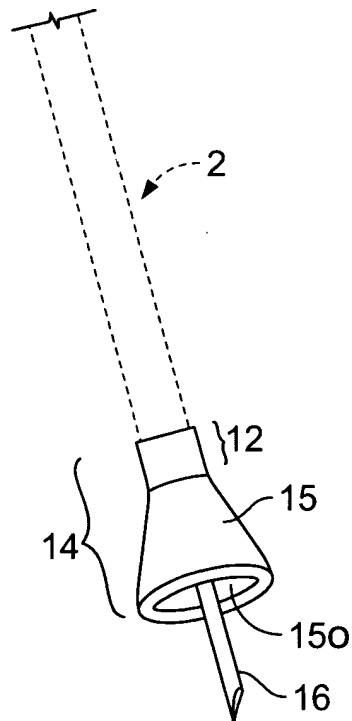
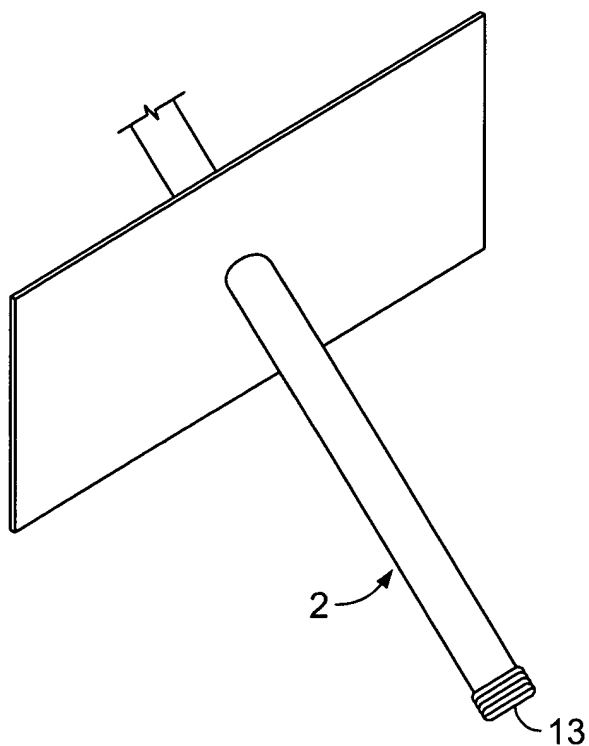
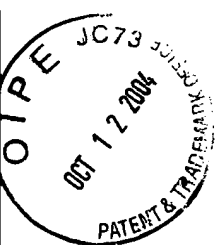
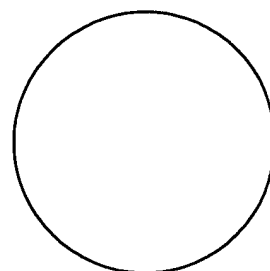


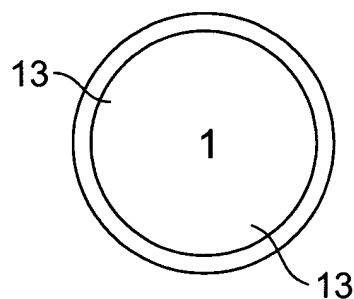
FIG. 3I



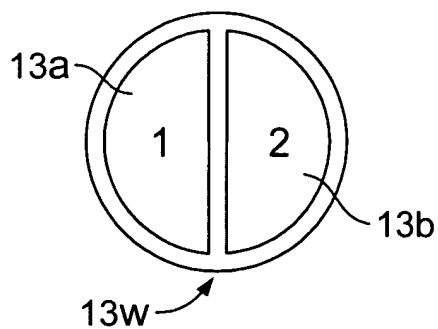
**FIG. 4A**



**FIG. 4B**

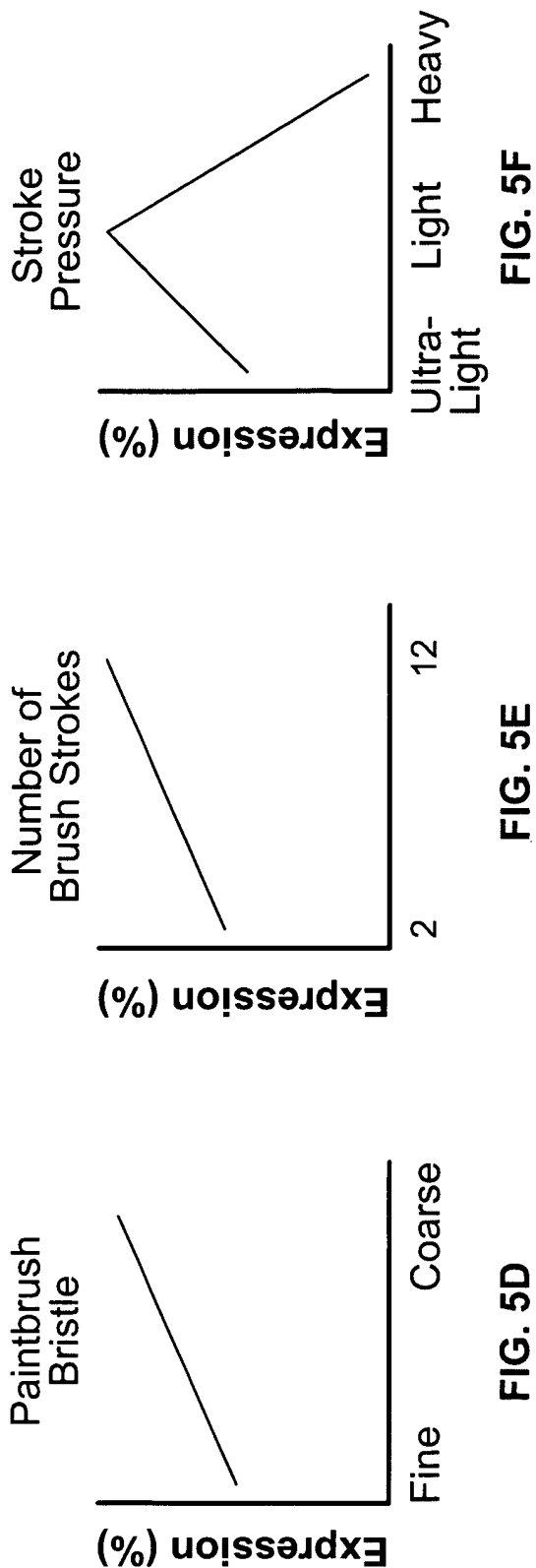
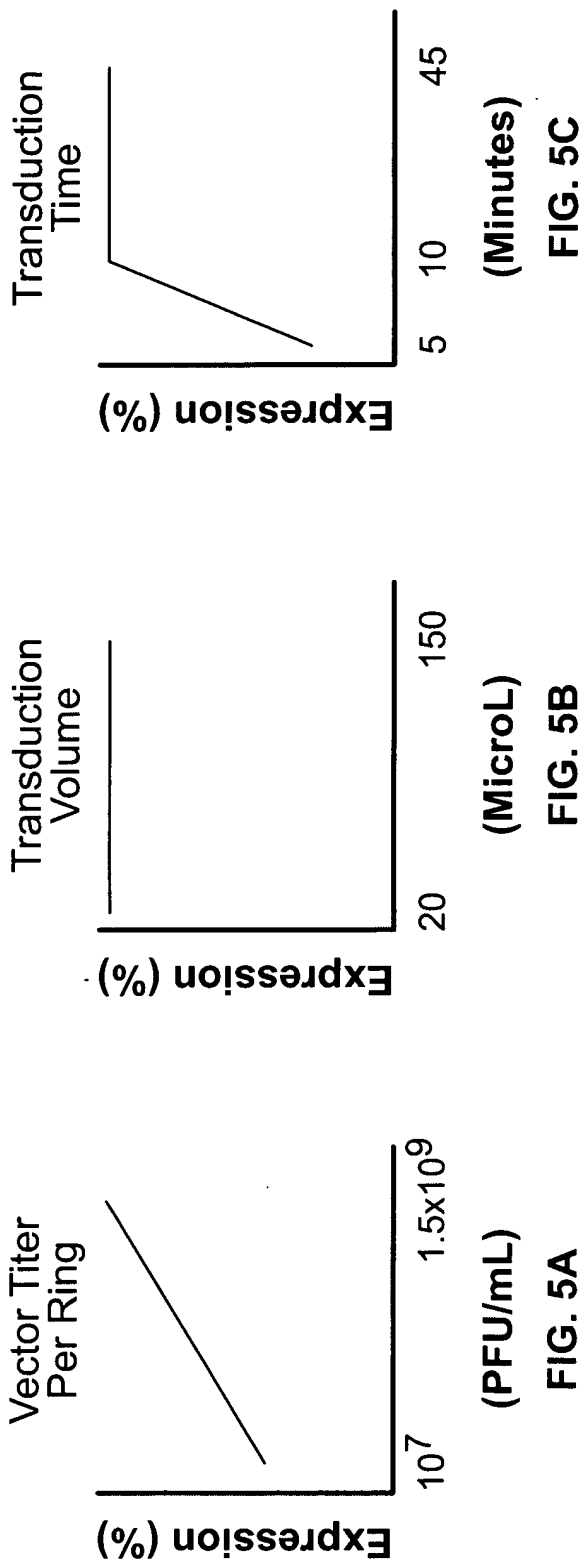
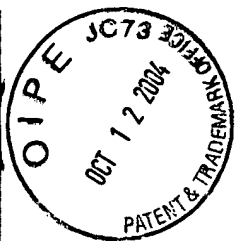


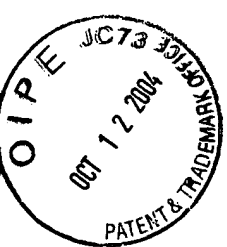
**FIG. 4C**



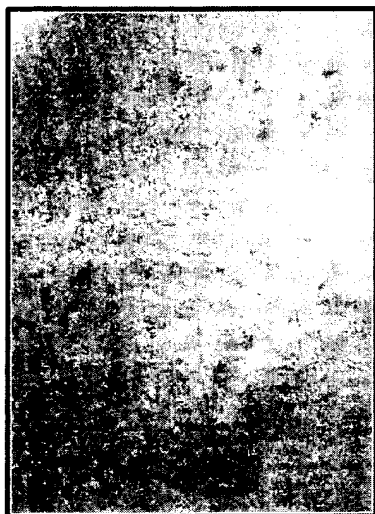
**FIG. 4D**





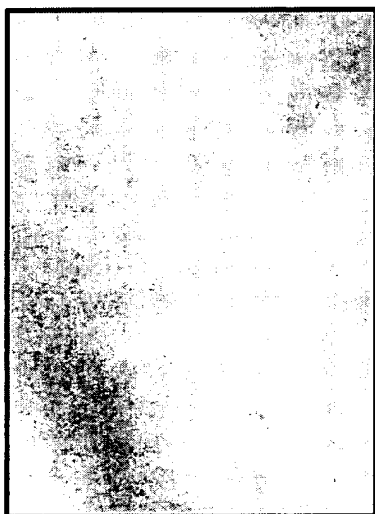


**AdLacZ+6 mM CaP;  
Immersion**



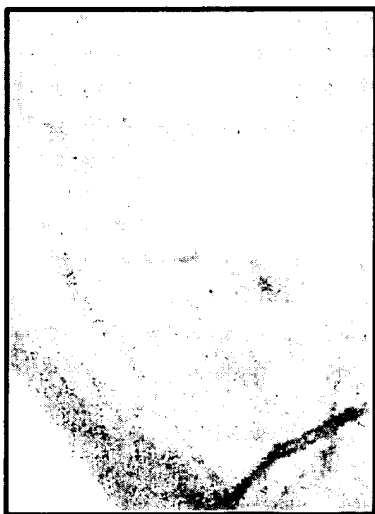
**FIG. 6C**

**AdLacZ; Immersion Method**



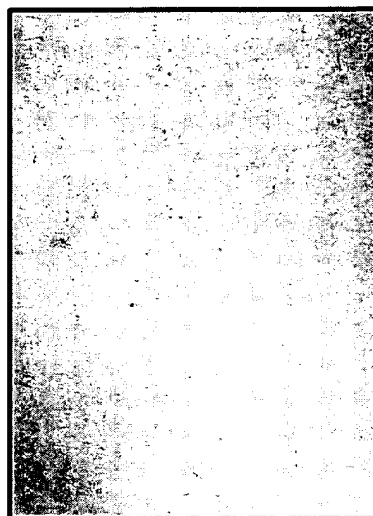
**FIG. 6B**

**Negative Control; Brushed**



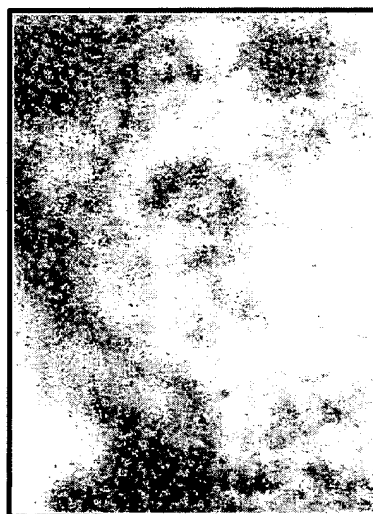
**FIG. 6A**

**AdeNOS (Virus Control);  
Brushed**

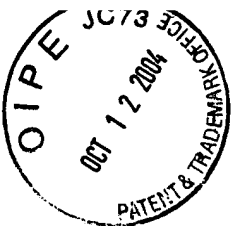


**FIG. 6E**

**AdLacZ+FG; Brush Method**



**FIG. 6D**



NCB=Negative Control Brushed  
ZD=LacZ Drops/Immersion Method  
ZB=LacZ Brushed without FG  
ZFGB=LacZ Brushed with FG Present  
Titer= $10^9$  PFU/Ring

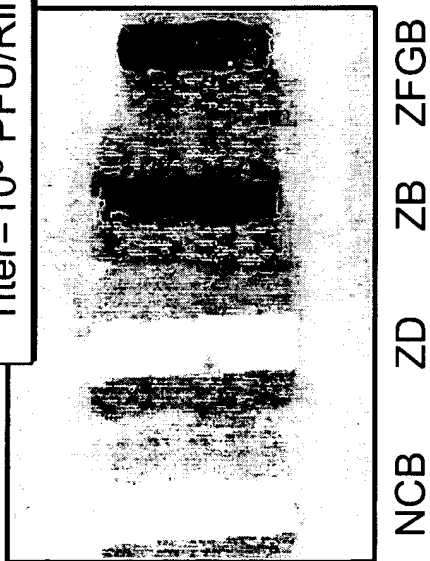


FIG. 7A

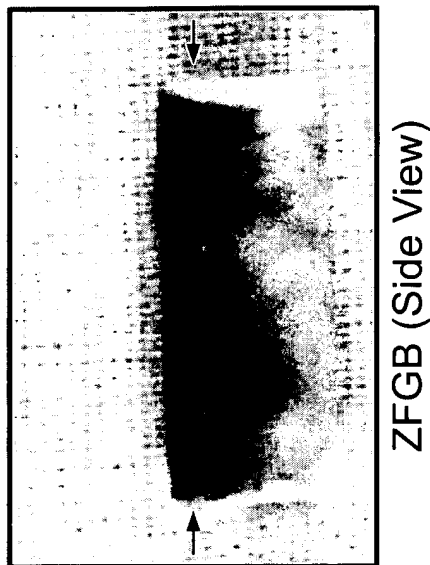
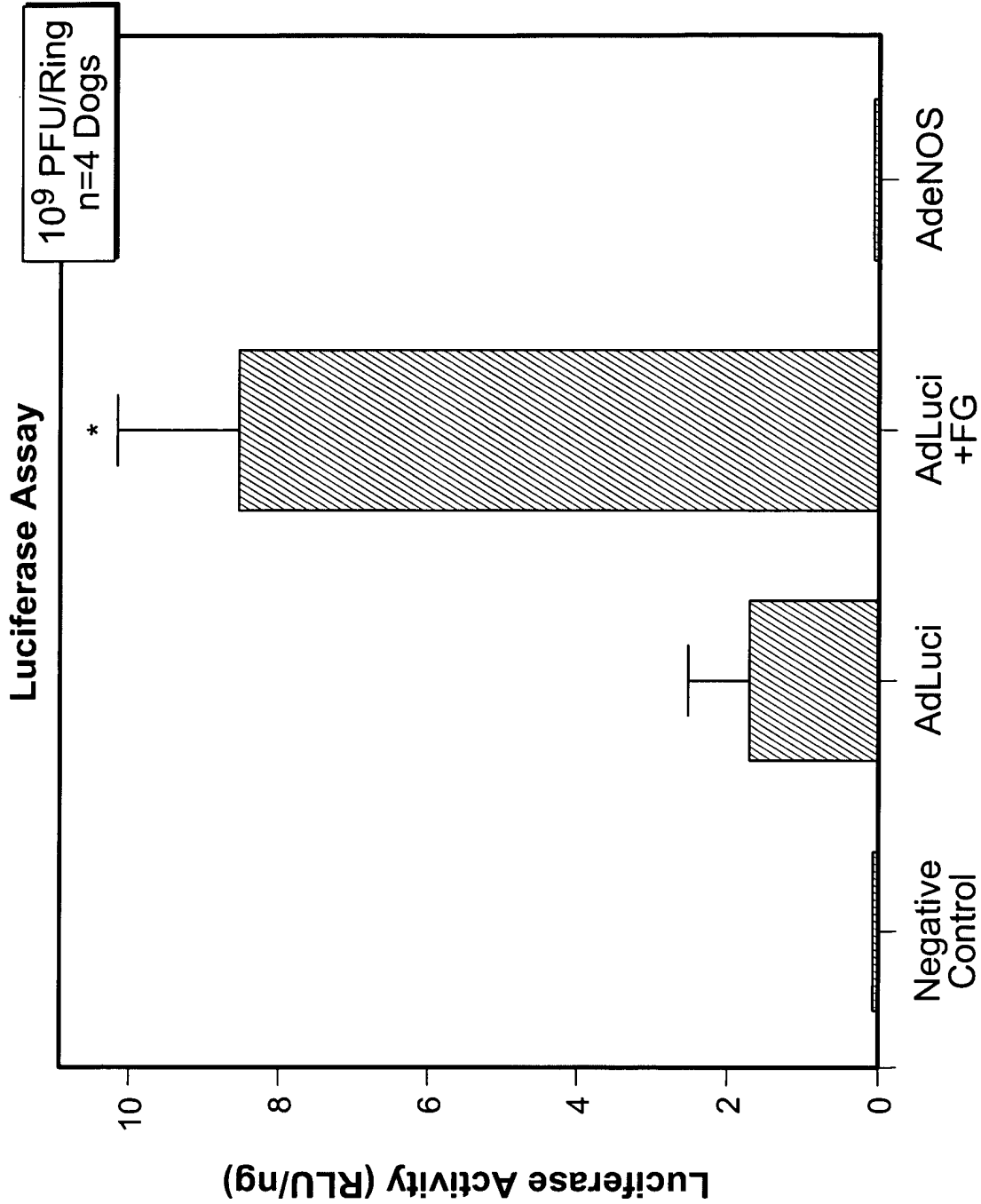
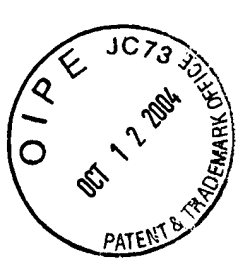


FIG. 7B



**FIG. 8A**

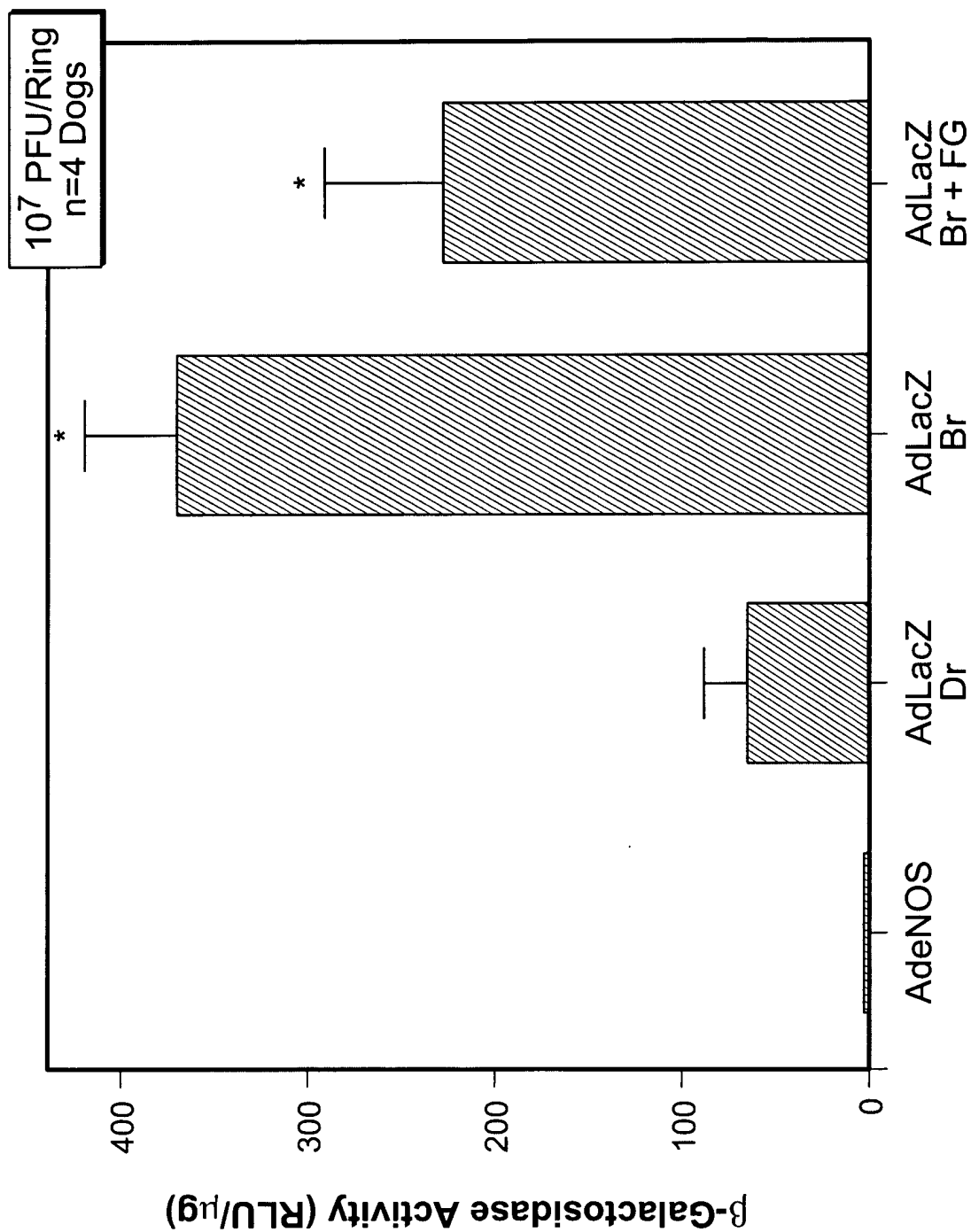


FIG. 8B

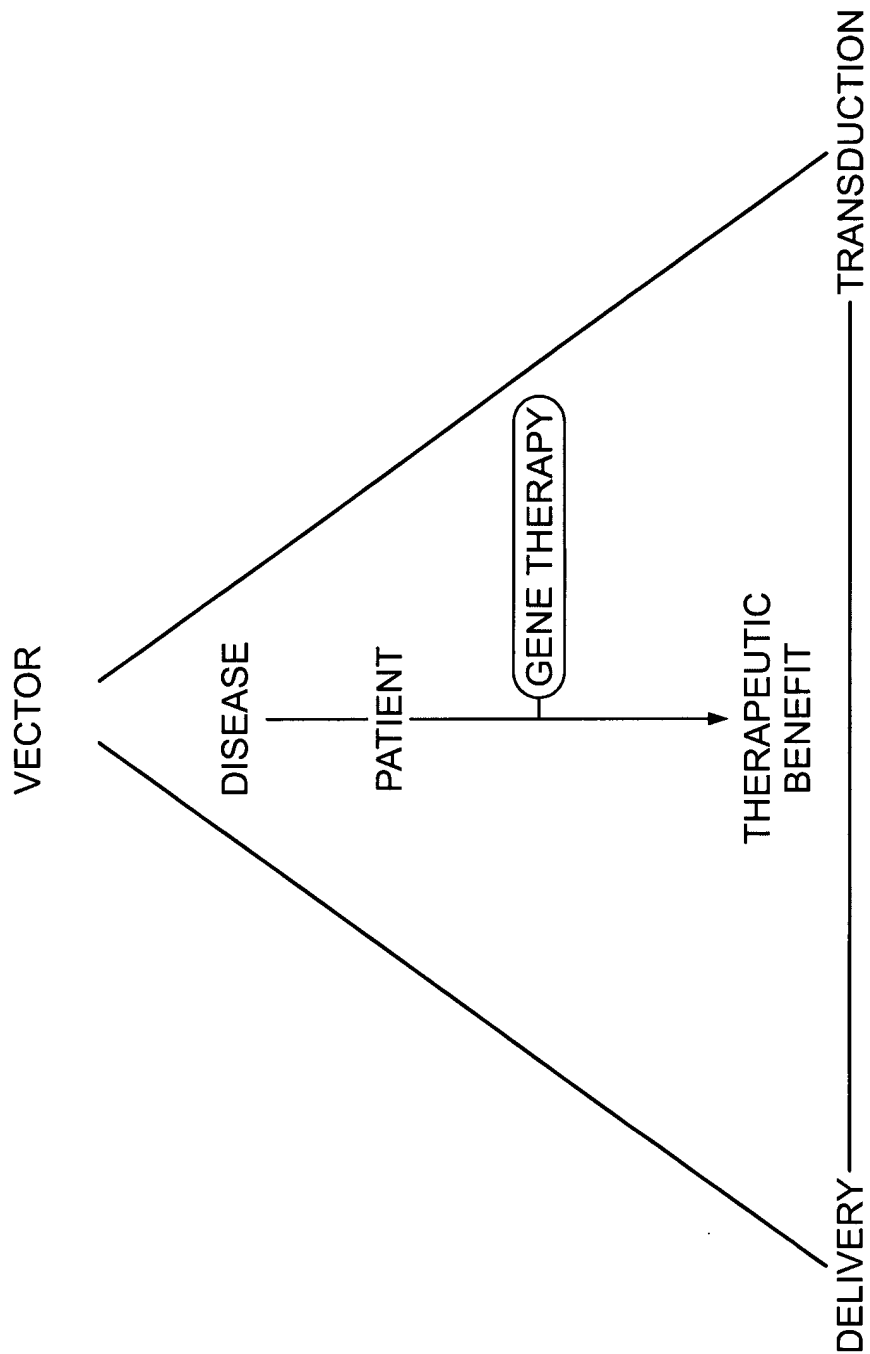
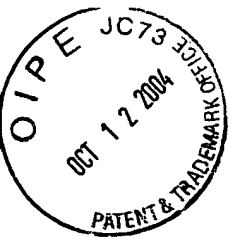


FIG. 9